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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Callway, et al.  
Serial No.: 09/213,748  
Filing Date: December 17, 1998

Examiner: C. Harrison  
Art Unit: 2672  
Our File No.: 00100.98.1319  
Docket No.: 0100.01319

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SEP 30 2002  
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Title: **METHOD AND APPARATUS FOR INDEPENDENT VIDEO AND  
GRAPHICS SCALING IN A VIDEO GRAPHICS SYSTEM**

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9/19/02  
Date

Marge Caruso  
Marge Caruso

**RESPONSE TO RESTRICTION REQUIREMENT**

Dear Sir:

This Response is being submitted in reply to the Restriction Requirement dated  
August 19, 2002, relating to the above-identified application. Reexamination and  
Reconsideration of said application are respectfully requested.

**IN THE CLAIMS**

Please add claim 38 to the above-identified application before acting on the instant  
response.

38. (New) A video graphics display circuit, comprising:
- a memory maintaining video data having a first format and graphics data having a  
second format, wherein the memory allocated to the video data and the graphics data is based  
upon memory needs of the video data and the graphics data;
  - a video scaler adapted to receive the video data, wherein the video scaler scales  
video images in the video data based on a ratio between the video images in the first format and  
an output video image to produce a scaled video stream;
  - a graphics scaler adapted to receive the graphics data, wherein the graphics scaler  
scales graphics images in the graphics data based on a ration between the graphics images in the